Applicant : Kornelia Polyak et al.
Serial No. : 10/081,817
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Attorney's Docket No.: 00530-094001 / DFCI 689 /
MGH 1897

Amendments to the Specification

Please replace the paragraph beginning on page 4, line 9, of the specification with the following amended paragraph:

The determination of percent identity between two sequences is accomplished using the mathematical algorithm of Karlin and Altschul, *Proc. Natl. Acad. Sci. USA* 90, 5873-5877, 1993. Such an algorithm is incorporated into the BLASTN and BLASTP programs of Altschul et al. (1990) *J. Mol. Biol.* 215, 403-410. BLAST nucleotide searches are performed with the BLASTN program, score = 100, wordlength = 12, to obtain nucleotide sequences homologous to HIN-1-encoding nucleic acids. BLAST protein searches are performed with the BLASTP program, score = 50, wordlength = 3, to obtain amino acid sequences homologous to the HIN-1 polypeptide. To obtain gapped alignments for comparative purposes, Gapped BLAST is utilized as described in Altschul et al. (1997) *Nucleic Acids Res.* 25, 3389-3402. When utilizing BLAST and Gapped BLAST programs, the default parameters of the respective programs (e.g., XBLAST and NBLAST) are used (*See* http://www.ncbi.nlm.nih.gov).

Please replace the original paper copy of the Sequence Listing with the amended substitute paper
copy of the Sequence Listing filed herewith.

Sequence Disclosure Requirements

Applicants hereby submit that the enclosures fulfill the requirements under 37 C.F.R. §1.821-1.825. Applicants submit herewith a Sequence Listing in computer-readable form as required by 37 CFR §1.824. In addition, applicants submit a substitute Sequence Listing as required under 37 CFR §1.823(a) and a statement under 37 CFR §1.821(f). Applicants respectfully request entry of the paper copy and computer-readable copy of the Sequence Listing filed herewith for the instant application. The amendments in the specification merely replace the original paper copy of the Sequence Listing with an amended substitute paper copy of the Sequence Listing. No new matter has been added.